

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/872,446DATE: 07/31/98
TIME: 11:46:24

INPUT SET: S3292.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Macevicz, Stephen C.
6
7 (ii) TITLE OF INVENTION: DNA Sequencing by Parallel
8 Oligonucleotide Extensions
9
10 (iii) NUMBER OF SEQUENCES: 13
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Dehlinger & Associates
14 (B) STREET: 350 Cambridge Avenue, Suite 250
15 (C) CITY: Palo Alto
16 (D) STATE: CA
17 (E) COUNTRY: USA
18 (F) ZIP: 94306
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: 08/872,446
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: US 08/424,663
33 (B) FILING DATE: 17-APR-1995
34
35 (viii) ATTORNEY/AGENT INFORMATION:
36 (A) NAME: Powers, Vincent M.
37 (B) REGISTRATION NUMBER: 36,246
38 (C) REFERENCE/DOCKET NUMBER: 5525-0015/peolus
39
40 (ix) TELECOMMUNICATION INFORMATION:
41 (A) TELEPHONE: (650) 324-0880
42 (B) TELEFAX: (650) 324-0960
43
44
45
46 (2) INFORMATION FOR SEQ ID NO:1:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/872,446DATE: 07/31/98
TIME: 11:46:26

INPUT SET: S3292.raw

47
48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 37 base pairs
50 (B) TYPE: nucleic acid
51 (C) STRANDEDNESS: single
52 (D) TOPOLOGY: linear
53
54 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
55
56 CCTCTCCCTT CCCTCTCCTC CCTCTCCCCT CTCCTC 37
57
58
59 (2) INFORMATION FOR SEQ ID NO:2:
60
61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 21 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66
67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
68
69 GAGGAGAGGG AAGGAGAGGA G 21
70
71
72 (2) INFORMATION FOR SEQ ID NO:3:
73
74 (i) SEQUENCE CHARACTERISTICS:
75 (A) LENGTH: 21 base pairs
76 (B) TYPE: nucleic acid
77 (C) STRANDEDNESS: single
78 (D) TOPOLOGY: linear
79
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
81
82 GGAGGAGAGG GAAGGAGAGG A 21
83
84
85 (2) INFORMATION FOR SEQ ID NO:4:
86
87 (i) SEQUENCE CHARACTERISTICS:
88 (A) LENGTH: 21 base pairs
89 (B) TYPE: nucleic acid
90 (C) STRANDEDNESS: single
91 (D) TOPOLOGY: linear
92
93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
94
95 GGGAGGAGAG GGAAGGAGAG G 21
96
97
98 (2) INFORMATION FOR SEQ ID NO:5:
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/872,446DATE: 07/31/98
TIME: 11:46:28

INPUT SET: S3292.raw

100 (i) SEQUENCE CHARACTERISTICS:
101 (A) LENGTH: 21 base pairs
102 (B) TYPE: nucleic acid
103 (C) STRANDEDNESS: single
104 (D) TOPOLOGY: linear
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
107
108 AGGGAGGAGA GGGAAGGAGA G 21
109
110
111 (2) INFORMATION FOR SEQ ID NO:6:
112
113 (i) SEQUENCE CHARACTERISTICS:
114 (A) LENGTH: 18 base pairs
115 (B) TYPE: nucleic acid
116 (C) STRANDEDNESS: single
117 (D) TOPOLOGY: linear
118
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
120
121 GAGGGAGAGG GGAGAGGG 18
122
123
124 (2) INFORMATION FOR SEQ ID NO:7:
125
126 (i) SEQUENCE CHARACTERISTICS:
127 (A) LENGTH: 18 base pairs
128 (B) TYPE: nucleic acid
129 (C) STRANDEDNESS: single
130 (D) TOPOLOGY: linear
131
132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
133
134 ACCGTCTCCG GGAGCTGC 18
135
136
137 (2) INFORMATION FOR SEQ ID NO:8:
138
139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 21 base pairs
141 (B) TYPE: nucleic acid
142 (C) STRANDEDNESS: single
143 (D) TOPOLOGY: linear
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
146
147 CCTCTCCCTT CCCTCTCCTC C 21
148
149
150 (2) INFORMATION FOR SEQ ID NO:9:
151
152 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/872,446DATE: 07/31/98
TIME: 11:46:30

INPUT SET: S3292.raw

153 (A) LENGTH: 45 base pairs
154 (B) TYPE: nucleic acid
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear
157
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
159
160 CCGGGAGGGA GAGGGGAGAG GGAGGAGAGG GAAGGGAGAG GAGCT 45
161
162
163 (2) INFORMATION FOR SEQ ID NO:10:
164
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH: 18 base pairs
167 (B) TYPE: nucleic acid
168 (C) STRANDEDNESS: single
169 (D) TOPOLOGY: linear
170
171
172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
173
174 CCCTCTCCCC TCTCCCTC 18
175
176
177 (2) INFORMATION FOR SEQ ID NO:11:
178
179 (i) SEQUENCE CHARACTERISTICS:
180 (A) LENGTH: 18 base pairs
181 (B) TYPE: nucleic acid
182 (C) STRANDEDNESS: single
183 (D) TOPOLOGY: linear
184
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
186
187 GCAGCTCCCG GAGACGGT 18
188
189
190 (2) INFORMATION FOR SEQ ID NO:12:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 48 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
199
200 TGAATTCGAG CTCCTCTCCT TCCCTCTCCT CCCTCTCCCC TCTCCCTC 48
201
202
203 (2) INFORMATION FOR SEQ ID NO:13:
204
205 (i) SEQUENCE CHARACTERISTICS:

PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/872,446

DATE: 07/31/98
TIME: 11:46:32

INPUT SET: S3292.raw

206 (A) LENGTH: 7 base pairs
207 (B) TYPE: nucleic acid
208 (C) STRANDEDNESS: single
209 (D) TOPOLOGY: linear
210
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
212
213 GCAGCTC

7

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/872,446

DATE: 07/31/98
TIME: 11:46:33

INPUT SET: S3292.raw

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Original Text